

ABSTRACT OF THE DISCLOSURE

A method of capturing and processing a digital image with a depth channel comprises receiving reflective and deflective light beams from an object, sensing
5 the received light beams to generate digital images with distance information, storing the digital images, including the depth channel, and analyzing and processing the digital images with the depth channel. The original two-dimensional digital image may be processed or recreated as quasi three-dimensional digital images through the adjustment of such depth channel
10 attached to the digital image. The system includes generally at least a lens and a CCD unit. The lens is attached to a housing of the system, such as a camera. The storage device and the CPU are mounted within the housing. Further a grid beam light unit may be provided as either an internal or external unit.